

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
18 October 2001 (18.10.2001)

PCT

(10) International Publication Number
WO 01/77690 A1(51) International Patent Classification⁷: G01N 35/02, STYLIANOPOULOS, Vassilis [GB/GB]; 5 Paxton B01J 19/00 Close, Cottenham, Cambridge CB4 8XP (GB).

(21) International Application Number: PCT/GB01/01593 (74) Agents: BRIERLY, Anthony, Paul et al.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(22) International Filing Date: 9 April 2001 (09.04.2001)

(25) Filing Language: English

(81) Designated States (national): AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EB, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(26) Publication Language: English

(30) Priority Data: 0008563.9 7 April 2000 (07.04.2000) GB

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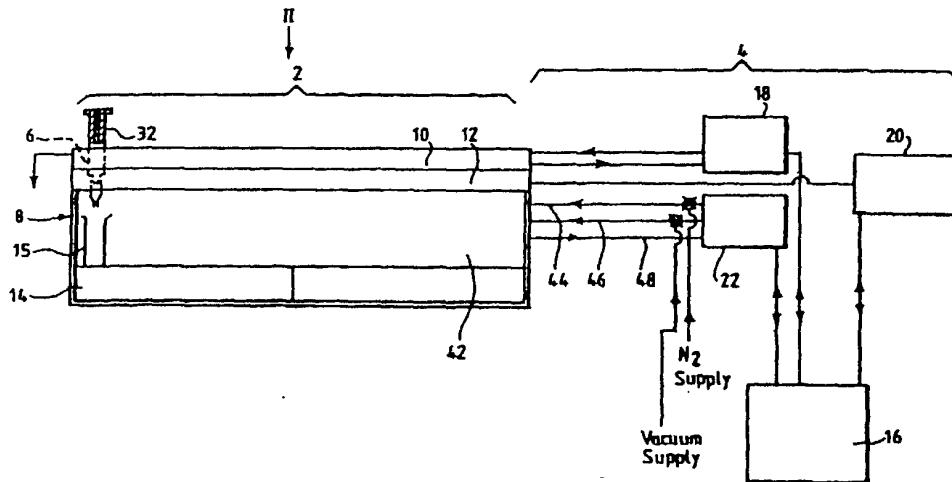
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Published:
— with International search report

[Continued on next page]

(54) Title: INVESTIGATING DIFFERENT PHYSICAL AND/OR CHEMICAL FORMS OF MATERIALS



(57) Abstract: Apparatus and a method are described for investigating polymorphs of a material, isomers of a material which allow different isomeric forms to be resolved, different hydrates/solvates and/or different salts of a material. The apparatus comprises an assembly (2) of reactor devices (6) arranged within a reactor body (8) which incorporates a heating/cooling block (10) and a stirrer block (12). A vessel support block (14) supports respective sample vessels (15) below each reactor device (6) for receiving material from the reactor devices. The apparatus includes a control unit (4) which includes a computer (16) which controls a robot for delivering materials to the reactor devices; a heating/cooling unit (18); a stirrer control unit (20); and a pressure unit (22) which controls the passage of material from the reactor devices (6) to the sample vessels (15).

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